

**Notice of Allowability**

Application No.

10/604,222

Examiner

Cheukfan Lee

Applicant(s)

BRADBERRY, ERIC J.

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed January 24, 2007 (see also amendment filed November 27, 2006).
2. ☒ The allowed claim(s) is/are 1-5, 10-14, and 16-20, now renumbered 1-6, 8, 11, 12, 9, 7, 10, and 13-15, respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Cheukfan Lee

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John Smith on January 31, 2007.

During the conversation, Mr. Smith was informed that claim 6, now canceled, was indicated allowable because of the combination of all limitations of claim 6, and that claim 1 as amended to include all limitations of claim 6 is now in condition for allowance, but claim 18 as amended includes some but not all of the limitations of claim 6. Mr. Smith agreed to add the rest of the limitations of claim 6 to claim 18 to place claim 18 in condition for allowance.

Mr. Smith also agreed to correct a minor error in claim 18 from "will ... move" to "moves".

Mr. Smith further agreed to cancel dependent claims 7-9, which depend on claim 1 indirectly, since limitations of each of claims 7-9 cannot be combined with the claim 6 limitations, i.e., the newly added limitations of claim 1, due to the fact that any of such combinations of limitations is not supported by Applicant's specification. The claim 6

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limitations are directed to manual control of motion, and claims 7-9 limitations are directed to electrically controlled motion.

Furthermore, Mr. Smith agreed to change the dependency of claim 12 from "claim 6" to claim 1 since claim 6 has been canceled, and cancel claim 15 to eliminate redundancy since the same limitation is claimed in claim 13, which depends on claim 1.

**2. Please amend the claims as follows:**

**Cancel claims 7-9 and 15.**

**In claim 10, change "claim 8" to – claim 4 --.**

**In claim 11, change "claim 9" to – claim 3 --.**

**In claim 12, change "claim 6" to – claim 1 --.**

**Re-write claim 18 as follows:**

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-- 18. (Currently Amended)      A method of displaying printed documents with an enhanced reading device, including the steps of:

placing a printed document where it is read by a moving camera;

moving the camera longitudinally and laterally by moving a rotatable control knob that is attached to a transmission gear drive between a first drive position that controls longitudinal movement of the camera, and a second drive position that controls lateral movement of the camera, such that, based on the position of the control knob and the direction of rotation, the camera longitudinally or laterally moves to selected portions of the document for input to the camera;

connecting the control knob to the transmission gear drive with a rotatable and longitudinally slidable drive shaft attached at its distal end to the transmission gear drive and at its proximal end to the control knob, such that when in a first position the transmission gear drive provides longitudinal motion control to the camera, and when in a second position the transmission gear drive provides lateral motion control to the camera; and

outputting a video image of the selected portions of the document from the camera to a monitor device which displays an enlarged image of the photographed text;

whereby a single control knob is used to control both lateral and longitudinal motion of the camera. --

3. The amendments to the abstract and specification filed November 27, 2006, and the amended Fig. 10 filed January 24, 2007 have been approved by the Examiner.

4. Claims 1-5, 10-14, and 16-20 are allowed.

5. The following is an examiner's statement of reasons for allowance:

Claims 1 and 18 have been amended to include the limitations of claim 6, now canceled, which was indicated to be allowable subject matter if rewritten in independent form. Claims 1 and 18 are allowable over the prior art of record because the prior art does not teach a document reading device or a method of displaying printed documents with a reading device, the device having a transmission gear drive and a control knob for controlling longitudinal and lateral motions or movements of the camera as claimed.

Claims 2-5, 10-14, 16, and 17 depend on claim 1, directly or indirectly.

Claims 19 and 20 depend on claim 18.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Cheukfan Lee  
January 31, 2007